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Sheet 1 of 2**Complete if Known**

Application Number	10/623960
Filing Date	07/21/2003
First Named Inventor	Arlasky, David
Art Unit	2837
Examiner Name	San Martin
Attorney Docket Number	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/ESM/		US- 2646854	07-1953	Bromhead Walker George	
		US- 4109753	08-1978	Lyman, Steven P.	
		US- 2004/0046391	03-2004	Vasudeva, Kallash C.	
		US- 1816245	07-1931	Wolford, Lester J.	
		US- 2005/0011697	01-2005	Arlasky, David F.	
		US- 2005/0045418	03-2005	Choi et al	
/ESM/		US- 4331213	05-1982	Taniguchi, Yoshifumi	
		US- 0745502	08-2004	Bentman et al	
/ESM/		US- 4339918	07-1982	Michikawa, Hirokuni	
		US- 6796296	09-2004	Kim, Jay S.	
		US- 4303143	12-1981	Taniguchi, Yoshifumi	
		US- 2004/0050618	03-2004	Marocco, Gregory M.	
		US- 3182748	05-1965	Wirt, Leslie S.	
		US- 5962822	10-1999	May, Daniel A.	
		US- 2076827	04-1937	Warren Ross Ruth	
		US- 1818469	08-1931	Floyd Jr., Alfred T.	
		US- 4263981	04-1981	Weiss et al	
		US- 6343673	02-2002	Chang, Ming-Tien	
/ESM/		US- 5872,342	02-1999	Gysling, Daniel I.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
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		Number-Kind Code <sup>2</sup> (if known)			
/ESM/		US- 5676468	10-1997	Webb, John P.	
		US- 4263982	04-1981	Feuling, James J.	
		US- 3017948	01-1962	Shepard, Ben L. et al	
		US- 3000465	09-1961	Bruno, Russell J.	
		US- 1685006	09-1928	Schultz, George W.	
		US- 1473235	11-1923	Dorado Jones et al	
		US- 1286365	12-1918	Loomis, H. F.	
		US- 1229471	06-1917	Jones et al	
		US- 0867973	10-1907	Hoover, J.B.	
		US- 0832124	10-1906	Farmer, S.E.	
		US- 4533015	08-1985	Kojima, Hisao	
		US- 4317502	03-1982	Harris, et al	
		US- 4222456	09-1980	Kasper, Withold A.	
		US- 4129196	12-1978	Everett, Wilhelm S.	
		US- 4050539	09-1977	Kashwara et al	
/ESM/		US- 3016692	01-1962	Arnaldo Lapella et al	
		US-			
		US-			
		US-			

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/ESM/		JP 04081507 A	03-1992	Nakamura, Yukio		
		<del>GB 2224540 A</del>	<del>05-1990</del>	<del>Fisher et al</del>		

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